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U. S. DEPARTMENT OF AGRICULTURE

Issued March 1944

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

FEBRUARY 1944

This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which official inspection work is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year (foreign, 60 cents). A supply will be sent to each official in charge of a station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

CONTENTS

| | Page |
|---|------|
| Changes in directory..... | 5 |
| Livestock inspected when offered for importation, January 1944..... | 5 |
| Summary of tuberculosis-eradication work in cooperation with States, January 1944..... | 6 |
| Summary of brucellosis (Bang's disease) work in cooperation with States, January 1944..... | 7 |
| Biological products prepared under licenses, January 1944..... | 8 |
| Inspections and tests in the production of anti-hog-cholera serum and hog-cholera virus under licenses, January 1944..... | 8 |
| Licenses issued for biological products, January 1944..... | 8 |
| Licenses terminated, January 1944..... | 9 |
| Permits issued for biological material, January 1944..... | 9 |
| Cresylic disinfectants permitted for use in official disinfection..... | 9 |
| Especially meritorious promotion..... | 11 |
| Sanitary measures urged to prevent spread of anaplasmosis..... | 11 |
| New publications of the Bureau..... | 12 |
| Amendments to Department regulations..... | 12 |
| Organization of the Bureau of Animal Industry..... | 12 |

CHANGES IN DIRECTORY

Change of Official in Charge

James O. Grandstaff succeeded J. M. Cooper as Director of the Southwestern Range and Sheep Breeding Laboratory at Fort Wingate, N. Mex., effective January 11, 1944.

LIVESTOCK INSPECTED WHEN OFFERED FOR IMPORTATION,
JANUARY 1944

| Port of entry | Cattle | Swine | Sheep | Goats | Horses | Mules | Burros |
|----------------------------|--------|-------|-------|-------|--------|-------|--------|
| Mexican border ports..... | 13,694 | 100 | 125 | — | 205 | 7 | 7 |
| Canadian border ports..... | 2,280 | 41 | 97 | 2 | 1,248 | 23 | — |
| Total: | | | | | | | |
| January 1944..... | 15,974 | 141 | 222 | 2 | 1,453 | 30 | 7 |
| January 1943..... | 43,262 | 16 | 6 | 1 | 208 | 2 | 2 |

Refused entry: 301 cattle; 1 ass. (These figures are not included in the table above.)

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, JANUARY 1944

| State or Territory | Tuberculin tests during month | | | Accredited herds ¹ | Herds under supervision | Inspector in charge | State official |
|--------------------|-------------------------------|-------------------|----------------|-------------------------------|-------------------------|---------------------|------------------------------------|
| | Cattle | Infected premises | Cattle reacted | | | | |
| Alabama | 1,398 | 3 | 8 | 630 | 271,445 | R. E. Jackson | I. S. McAdory, Auburn. |
| Arizona | 2,537 | 9 | 18 | 1 | 12,593 | F. L. Schneider | Vego Mikkelsen, Phoenix. |
| Arkansas | 1,487 | 2 | 5 | 0 | 228,256 | A. W. Rice | Joe S. Campbell, Little Rock. |
| California | 57,857 | 38 | 127 | 10 | 74,669 | H. M. O'Rear | C. U. Duckworth, Sacramento. |
| Colorado | 1,075 | 9 | 11 | 27 | 60,846 | Edgar Heiny | R. M. Gow, Denver. |
| Connecticut | 17,396 | 28 | 59 | 17,712 | 18,962 | R. L. Smith | Claude Jones, Hartford. |
| Delaware | 3,449 | 1 | 4 | 2,185 | 8,547 | O. L. Lockwood | Harry McDaniel, Jr., Dover. |
| Dist. of Col. | 0 | 0 | 0 | 2 | 17 | A. E. Wight | |
| Florida | 5,375 | 2 | 2 | 46 | 67,656 | T. H. Applewhite | J. V. Knapp, Tallahassee. |
| Georgia | 1,552 | 0 | 0 | 73 | 242,840 | W. C. Dendering | Tom Linder, Atlanta. |
| Idaho | 1,018 | 2 | 3 | 27 | 51,270 | F. F. Fischer | Scott B. Brown, Boise. |
| Illinois | 59,521 | 73 | 136 | 722 | 243,894 | A. K. Kuttler | C. E. Fidler, Springfield. |
| Indiana | 10,834 | 12 | 16 | 1,195 | 147,750 | W. A. Sullivan | J. L. Axby, Indianapolis. |
| Iowa | 115,315 | 275 | 402 | 530 | 194,440 | J. A. Barger | C. C. Franks, Des Moines. |
| Kansas | 1,171 | 13 | 14 | 159 | 171,032 | Ralph Graham | Will J. Miller, Topeka. |
| Kentucky | 3,127 | 1 | 1 | 29 | 163,867 | E. E. Coshow | L. L. Breeck, Frankfort. |
| Louisiana | 2,014 | 3 | 16 | 0 | 148,804 | W. A. McDonald | E. P. Flower, Baton Rouge. |
| Maine | 6,124 | 1 | 6 | 180 | 43,817 | B. J. Cady | D. P. Corbett, Augusta. |
| Maryland | 17,440 | 13 | 19 | 14,208 | 44,295 | O. L. Lockwood | A. L. Brueckner, Baltimore. |
| Massachusetts | 23,122 | 24 | 45 | 18,678 | 19,540 | E. M. Aldrich | Jas. DeNormandie, Boston. |
| Michigan | 57,029 | 48 | 84 | 77 | 207,087 | C. H. Hays | C. H. Clark, Lansing. |
| Minnesota | 52,013 | 21 | 34 | 740 | 187,119 | W. J. Fretz | Ralph L. West, St. Paul. |
| Mississippi | 1,906 | 0 | 0 | 4 | 260,171 | Hartwell Robbins | E. S. Brashier, Jackson. |
| Missouri | 2,586 | 0 | 0 | 58 | 239,687 | E. C. Hughes | J. W. George, Jefferson City. |
| Montana | 1,565 | 0 | 0 | 23 | 73,033 | G. W. Cronen | W. J. Butler, Helena. |
| Nebraska | 17,429 | 21 | 42 | 25 | 135,277 | J. W. Murdoch | J. R. Snyder, Lincoln. |
| Nevada | 824 | 0 | 0 | 2 | 3,441 | S. H. Still | W. B. Earl, Reno. |
| New Hampshire | 16,905 | 4 | 6 | 16,270 | 17,975 | E. M. Aldrich | R. W. Smith, Concord. |
| New Jersey | 24,846 | 41 | 133 | 13,536 | 15,971 | J. R. Porteus | R. A. Hendershott, Trenton. |
| New Mexico | 391 | 0 | 0 | 1 | 25,450 | F. L. Schneider | Sam McCue, Albuquerque. |
| New York | 96,466 | 66 | 214 | 121,357 | 129,958 | H. B. Leonard | Ivan G. Howe, Albany. |
| North Carolina | 2,339 | 0 | 0 | 562 | 256,713 | A. A. Husman | William Moore, Raleigh. |
| North Dakota | 3,961 | 3 | 3 | 53 | 68,003 | F. C. Driver | T. O. Brandenburg, Bismarck. |
| Ohio | 22,262 | 23 | 64 | 681 | 239,748 | A. J. DeFosset | F. L. Carr, Columbus. |
| Oklahoma | 2,694 | 0 | 0 | 17 | 276,318 | C. H. Fauks | W. W. Rosenberry, Oklahoma City. |
| Oregon | 9,486 | 12 | 20 | 2,136 | 232,166 | S. B. Foster | W. H. Lytle, Salem. |
| Pennsylvania | 37,908 | 63 | 196 | 7,219 | 165,532 | J. B. Reidy | C. P. Bishop, Harrisburg. |
| Rhode Island | 1,909 | 11 | 14 | 2,404 | 2,591 | E. M. Aldrich | J. S. Barber, Providence. |
| South Carolina | 1,407 | 0 | 0 | 99 | 56,934 | W. K. Lewis | W. K. Lewis, Columbia. |
| South Dakota | 6,06 | 18 | 27 | 4 | 73,365 | Neil Plank | R. S. Robinson, Pierre. |
| Tennessee | 1,184 | 0 | 0 | 23 | 294,931 | H. L. Fry | C. E. Kord, Nashville. |
| Texas | 8,990 | 3 | 3 | 62 | 372,281 | H. L. Darby | E. A. Grist, Fort Worth. |
| Utah | 10,850 | 41 | 49 | 0 | 87,311 | F. H. Melvin | J. L. Curtis, Salt Lake City. |
| Vermont | 17,400 | 11 | 51 | 16,720 | 22,457 | N. H. Howlett | E. H. Jones, Montpelier. |
| Virginia | 8,678 | 6 | 54 | 481 | 199,500 | H. S. Miller | H. C. Givens, Richmond. |
| Washington | 16,551 | 4 | 4 | 7 | 82,593 | J. C. Exline | M. O. Barnes, Olympia. |
| West Virginia | 1,639 | 0 | 0 | 613 | 115,783 | H. M. Newton | T. C. Green, Charleston. |
| Wisconsin | 48,620 | 14 | 28 | 4,582 | 182,114 | J. S. Healy | V. S. Larson, Madison. |
| Wyoming | 1,741 | 3 | 3 | 2 | 20,827 | W. E. Logan | H. D. Port, Cheyenne. |
| Hawaii | 1,330 | 4 | 6 | 0 | 1,800 | A. H. Julien | E. H. Willers, Honolulu. |
| Puerto Rico | 8,081 | 13 | 56 | 0 | 62,568 | E. E. Maas | Fernando A. Villamil, San Juan. |
| Virgin Islands | 0 | 0 | 0 | 0 | 420 | do | Ralph L. Williams, Christiansburg. |
| Total | 816,869 | 939 | 1,983 | 244,172 | 6,323,665 | | |

¹ All States are 100 percent modified accredited. Puerto Rico and the Virgin Islands are also in the modified accredited area.

SUMMARY OF BRUCELLOSIS (BANG'S DISEASE) WORK IN COOPERATION WITH STATES, JANUARY 1944¹

| State or Territory | Tests made of blood samples during month | | Tests of herds containing reactors | | | | Calves vaccinated during month | Total accredited | Herds under supervision | Total cattle on waiting list | |
|--------------------|--|-----------------|------------------------------------|-----------------|----------------|---|--------------------------------|------------------|-------------------------|------------------------------|--------------------|
| | | | Reactors | | For slaughter | Held in calfhood vaccinated herds ² | | | | | |
| | Herds | Cattle | Herds | Cattle | | Herds | Cattle | Herds | Cattle | | |
| Alabama | 2, 158 | 12, 927 | 50 | 1, 503 | 223 | 83 | 352 | 36 | 299 | 11, 450 | 165, 010 |
| Arizona | 127 | 901 | 20 | 291 | 31 | 0 | 18 | 0 | 3 | 207 | 4, 396 |
| Arkansas | 223 | 3, 990 | 47 | 2, 052 | 153 | 0 | 208 | 64 | 0 | 0 | 219, 830 |
| Colorado | 356 | 3, 856 | 99 | 1, 796 | 3 | 304 | 2, 146 | 0 | 12 | 548 | 3, 058 |
| Connecticut | 159 | 2, 502 | 46 | 1, 118 | 121 | 0 | 91 | 0 | 431 | 9, 680 | 3, 866 |
| Delaware | 115 | 1, 578 | 16 | 201 | 35 | 0 | 76 | 1 | 357 | 7, 991 | 6, 489 |
| Florida | 374 | 11, 682 | 62 | 5, 346 | 380 | 0 | 351 | 1 | 186 | 12, 411 | 28, 188 |
| Georgia | 923 | 7, 534 | 61 | 2, 546 | 237 | 0 | 0 | 65 | 34 | 2, 579 | 129, 025 |
| Idaho | 317 | 3, 349 | 63 | 972 | 140 | 37 | 1, 044 | 8 | 749 | 11, 914 | 205, 458 |
| Illinois | 1, 555 | 21, 090 | 329 | 6, 276 | 554 | 438 | 1, 120 | 0 | 188 | 4, 890 | 28, 672 |
| Indiana | 83 | 1, 316 | 12 | 235 | 15 | 0 | 0 | 0 | 1, 710 | 33, 761 | 5, 110 |
| Iowa | 1, 540 | 20, 923 | 567 | 9, 212 | 1, 695 | 0 | 2, 921 | 0 | 2, 706 | 44, 100 | 39, 589 |
| Kansas | 333 | 6, 551 | 64 | 1, 577 | 188 | 0 | 8 | 0 | 451 | 11, 053 | 8, 142 |
| Kentucky | 143 | 3, 350 | 38 | 1, 234 | 85 | 80 | 161 | 0 | 125 | 2, 508 | 37, 102 |
| Louisiana | 49 | 1, 671 | 18 | 1, 037 | 100 | 2 | 1, 589 | 21 | 0 | 0 | 64, 949 |
| Maine | 533 | 9, 728 | 121 | 2, 695 | 205 | 58 | 422 | 5 | 234 | 4, 491 | 21, 290 |
| Maryland | 480 | 7, 944 | 100 | 1, 942 | 193 | 10 | 1, 629 | 7 | 3, 084 | 55, 108 | 24, 915 |
| Massachusetts | 1 | 17 | 1 | 17 | 0 | 0 | 852 | 0 | 90 | 4, 138 | 1, 189 |
| Michigan | 743 | 9, 575 | 73 | 1, 287 | 202 | 47 | 100 | 27 | 868 | 20, 093 | 28, 929 |
| Minnesota | 1, 682 | 33, 287 | 349 | 6, 122 | 1, 214 | 0 | 0 | 21 | 181 | 6, 431 | 92, 536 |
| Mississippi | 306 | 2, 886 | 14 | 451 | 36 | 0 | 0 | 5 | 132 | 4, 125 | 7, 977 |
| Missouri | 581 | 8, 268 | 155 | 2, 728 | 450 | 0 | 0 | 0 | 20 | 1, 472 | 90, 191 |
| Montana | 184 | 3, 075 | 44 | 1, 232 | 193 | 32 | 894 | 0 | 15 | 356 | 2, 872 |
| Nebraska | 122 | 2, 071 | 26 | 625 | 102 | 0 | 0 | 120 | 0 | 108 | 2, 419 |
| Nevada | 19 | 322 | 5 | 169 | 0 | 9 | 271 | 0 | 42 | 1, 815 | 276 |
| New Hampshire | 1, 090 | 15, 218 | 198 | 4, 601 | 535 | 0 | 0 | 8 | 847 | 62, 823 | 15, 081 |
| New Jersey | 269 | 6, 731 | 36 | 2, 117 | 61 | 16 | 340 | 0 | 745 | 9, 638 | 1, 464 |
| New Mexico | 124 | 1, 515 | 7 | 83 | 18 | 0 | 47 | 0 | 13 | 510 | 10, 701 |
| New York | 1, 118 | 32, 049 | 814 | 26, 231 | 52 | 4, 308 | 5, 230 | 0 | 1, 295 | 39, 416 | 14, 211 |
| North Carolina | 629 | 8, 980 | 42 | 1, 912 | 81 | 0 | 11 | 100 | 648 | 26, 992 | 249, 084 |
| North Dakota | 740 | 17, 011 | 68 | 1, 946 | 296 | 0 | 896 | 26 | 12 | 528 | 54, 972 |
| Ohio | 1, 045 | 14, 780 | 232 | 4, 048 | 755 | 15 | 411 | 6 | 2, 550 | 47, 430 | 62, 404 |
| Oklahoma | 157 | 3, 930 | 42 | 2, 000 | 249 | 0 | 221 | 0 | 503 | 11, 377 | 44, 436 |
| Oregon | 1, 081 | 14, 983 | 57 | 2, 611 | 239 | 0 | 397 | 17 | 0 | 0 | 107, 155 |
| Pennsylvania | 3, 472 | 51, 746 | 599 | 12, 266 | 1, 579 | 0 | 530 | 21 | 6, 773 | 140, 063 | 76, 358 |
| Rhode Island | 7 | 156 | 3 | 78 | 11 | 0 | 41 | 0 | 37 | 668 | 96 |
| South Carolina | 172 | 3, 629 | 15 | 1, 138 | 18 | 27 | 24 | 9 | 81 | 5, 793 | 40, 171 |
| South Dakota | 126 | 2, 322 | 41 | 1, 025 | 115 | 56 | 933 | 0 | 48 | 1, 198 | 2, 457 |
| Tennessee | 160 | 5, 222 | 64 | 2, 716 | 304 | 14 | 331 | 7 | 401 | 14, 122 | 46, 427 |
| Texas | 117 | 2, 612 | 8 | 285 | 12 | 0 | 351 | 0 | 1, 110 | 14, 608 | 1, 722 |
| Utah | 242 | 1, 822 | 25 | 680 | 0 | 122 | 660 | 1 | 0 | 0 | 2, 073 |
| Vermont | 788 | 15, 118 | 186 | 5, 502 | 1 | 852 | 3, 171 | 0 | 611 | 16, 331 | 4, 804 |
| Virginia | 610 | 10, 937 | 101 | 3, 538 | 278 | 16 | 414 | 77 | 184 | 12, 556 | 191, 562 |
| Washington | 428 | 7, 410 | 82 | 3, 780 | 376 | 43 | 2, 160 | 18 | 0 | 0 | 68, 883 |
| West Virginia | 799 | 8, 380 | 49 | 1, 428 | 148 | 0 | 192 | 31 | 263 | 10, 096 | 73, 678 |
| Wisconsin | 800 | 21, 373 | 304 | 8, 915 | 879 | 0 | 2, 012 | 8 | 6, 018 | 174, 475 | 82, 324 |
| Wyoming | 21 | 1, 185 | 5 | 192 | 3 | 15 | 864 | 0 | 6 | 452 | 3, 631 |
| Puerto Rico | 18 | 850 | 1 | 472 | 0 | 31 | 26 | 0 | 1 | 124 | 56 |
| Totals | 27, 419 | 429, 262 | 5, 359 | 140, 228 | 12, 545 | 6, 675 | 33, 635 | 582 | 41, 373 | 843, 240 | 2, 209, 765 |
| | | | | | | | | | | | 1, 262, 806 |

¹ Officials in charge of brucellosis work are the same as those listed in summary of tuberculosis-eradication work.

² Nonvaccinated reactors held during the month.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, JANUARY 1944

Anti-hog-cholera serum

| Period | Preserved | Completed | Released | Destroyed |
|-----------------|---------------------------|---------------------------|---------------------------|-----------------------|
| January 1944 | <i>Cc.</i> 161,958,761 | <i>Cc.</i> 173,057,627 | <i>Cc.</i> 136,729,655 | <i>Cc.</i> 725,197 |
| January 1943 | 126,472,199 | 133,879,040 | 135,976,625 | 565,683 |
| 7 months ended— | | | | |
| January 1944 | 1,201,791,762 | 1,207,773,109 | 1,166,431,420 | 6,352,522 |
| January 1943 | 953,377,379 | 961,611,634 | 988,740,950 | 5,076,514 |

Hog-cholera virus

| Period | Produced | | | Destroyed | |
|-----------------|-------------------------|--------------------------|-----------------------|-----------------------|-------------------------|
| | Simultaneous | Hyperimmunizing | Inoculating | Simultaneous | Hyperimmunizing |
| January 1944 | <i>Cc.</i> 4,937,902 | <i>Cc.</i> 32,337,045 | <i>Cc.</i> 135,208 | <i>Cc.</i> 254,884 | <i>Cc.</i> 1,012,253 |
| January 1943 | 6,775,474 | 26,113,114 | 117,749 | 393,150 | 974,486 |
| 7 months ended— | | | | | |
| January 1944 | 68,505,926 | 250,870,770 | 1,188,252 | 3,102,551 | 9,339,947 |
| January 1943 | 56,783,001 | 194,976,229 | 847,051 | 2,751,011 | 7,657,414 |

INSPECTIONS AND TESTS IN THE PRODUCTION OF ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS UNDER LICENSES, JANUARY 1944

| Period | Animal inspections | Animal rejections | Pigs inoculated | Hogs hypered | Tests supervised | |
|-----------------|--------------------|-------------------|-----------------|--------------|------------------|-------|
| | | | | | Serum | Virus |
| January 1944 | 452,837 | 5,253 | 37,970 | 24,406 | 576 | 142 |
| January 1943 | 361,772 | 4,704 | 35,243 | 19,200 | 520 | 202 |
| 7 months ended— | | | | | | |
| January 1944 | 3,527,384 | 43,395 | 316,798 | 187,002 | 5,094 | 1,947 |
| January 1943 | 2,726,370 | 31,860 | 241,569 | 146,695 | 4,206 | 1,769 |

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS, JANUARY 1944

License No. 6-A (limited to calendar year 1944) issued January 1, 1944, to, Pitman-Moore Co., division of Allied Laboratories, Inc., 1200 Madison Avenue Indianapolis, Ind., for erysipelothrix rhusiopathiae vaccine.

License No. 6-C (limited to calendar year 1944) issued January 1, 1944, to, Allied Laboratories, Inc., 507-509 East Thirty-first Street, Kansas City, Mo., for hog-cholera vaccine.

License No. 9 (limited to calendar year 1944) issued January 1, 1944, to Lederle Laboratories, Inc., 30 Rockefeller Plaza, New York, N. Y., for erysipelothrix rhusiopathiae vaccine.

License No. 52 (limited to calendar year 1944) issued January 1, 1944, to Cutter Laboratories, foot of Carleton Street, Berkeley, Calif., for hog-cholera vaccine.

License No. 107 (limited to calendar year 1944) issued January 1, 1944, to Jensen-Salsbury Laboratories, Inc., 520 West Pennway, Kansas City, Mo., for hog-cholera vaccine.

License No. 112 (limited to calendar year 1944) issued January 1, 1944, to Fort Dodge Serum Co., 300 First Avenue, South, Fort Dodge, Iowa, for erysipelothrix rhusiopathiae vaccine.

License No. 112 (limited to calendar year 1944) issued January 1, 1944, to Fort Dodge Serum Co., 300 First Avenue, South, Fort Dodge, Iowa, for hog-cholera vaccine.

License No. 189 (limited to calendar year 1944) issued January 1, 1944, to Norden Laboratories, 227 North Ninth Street, Lincoln, Nebr., for erysipelothrix rhusiopathiae vaccine.

License No. 191 issued January 20, 1944, to Ashe Lockhart, Inc., 800 Woods-wether Road, Kansas City, Mo., for antibacterial serum (canine); antibacterial serum (equine).

LICENSES TERMINATED, JANUARY 1944

Licenses No. 211, issued September 29, 1942, and June 23, 1943, to the Sherman Laboratories, 14600 East Jefferson Avenue, Detroit, Mich., were terminated January 28, 1944, without prejudice, because of discontinuance of production.

PERMITS ISSUED FOR BIOLOGICAL MATERIAL, JANUARY 1944

Permit No. 38 issued January 14, 1944, to Dr. Alfred N. Richards, chairman, Committee on Medical Research, Washington, D. C., to import through the port of New York, N. Y., one shipment of "organisms or vectors" from London, England.

Permits Nos. 39 and 40 issued January 29, 1944, to Donald L. Augustine, Harvard Medical School, Boston, Mass., to import two shipments of "organisms or vectors" from Liberia, Africa.

CRESYLIC DISINFECTANTS PERMITTED FOR USE IN OFFICIAL DISINFECTION

List revised to February 10, 1944

ACCO Cresylic Solution, Amalgamated Chemical Corporation, Philadelphia 34, Pa.
Acresel, The Selig Co., Atlanta 1, Ga.
Adeo Cresolis, American Disinfecting Co., Inc., Sedalia, Mo.
Baird's Solution Cresol Compound, U. S. P. XII, Baird & McGuire, Inc., St. Louis 15, Mo.
Barkers' Saponified Cresylic Acid Solution, Barker, Moore & Mein Co., Philadelphia, Pa.
Belltex Farm Disinfectant, John J. Gobell Co., New Bedford, Mass.
Bineo Crestall Compound, E. H. Bindley & Co., Terre Haute, Ind.
Booth's Cresylic Compound, J. M. Booth & Co., El Paso, Tex.
Bourbon Cresylic Disinfectant, The Bourbon Co., Lexington 34, Ky.
Brunswig Drug Company's Solution Cresol Compound, U. S. P., Brunswig Drug Co., Los Angeles 54, Calif.
Cabell's Hatchers Disinfectant, The Cabell Chemical Co., Huntington 3, W. Va.
Carbola Liquid Disinfectant, Carbola Chemical Co., Inc., Natural Bridge, N. Y.
Cardis, The P. M. Frank Disinfecting Co., New York 13, N. Y.
Cenol Cresylic Disinfectant, Cenol Co., Inc., Chicago, Ill.
Chemo Cattle Disinfectant, Chemo Co., Buffalo 1, N. Y.
Clarisol, International Chemical Co., Chicago 16, Ill.
Clarkson's Saponified Cresol Solution, Clarkson Chemical Co., Inc., Williamsport 51, Pa.
Clearsol-Cres, Fuld Bros., Baltimore, Md.
Columbia Cresul Fluid-A, F. C. Sturtevant Co., Hartford 5, Conn.
Composol, Purity Chemical Products Co., Santa Rosa, Calif.
Consolidated Cresolis, Consolidated Laboratories, St. Louis 10, Mo.
Cooper's Saponified Cresylic Solution, William Cooper & Nephews, Inc., Chicago 14, Ill.
Corn States 50% Cresylic Disinfectant, The Corn States Serum Co., Omaha, Nebr.
Creal-O 50% Cresol Solution, Louisville Chemical Co., Louisville, Ky.
Crecosol Compound, Missouri Valley Serum Co., Kansas City 18, Kans.
Creco Special, Creco Co., Inc., Long Island City, N. Y.
Cre-Nox, Consumers Glue Co., St. Louis 18, Mo.
Creo-Cresolis, L. A. Mosher, Inc., Atlanta 1, Ga.
Cre-O-Haag Solution, The Haag Laboratories, Inc., Chicago, Ill.
Creo-Lic Disinfectant, Hockwald Chemical Co., San Francisco 10, Calif.
Crescent 50% Cresylic Compound, Crescent Oil Co., Indianapolis 2, Ind.
Cre-Septic, Theo. B. Robertson Products Co., Inc., Chicago 10, Ill.
Cresnol Cresol Compound, Fort Pitt Chemical Co., Pittsburgh 22, Pa.
Cresoapol, American Veterinary Laboratories, Kansas City, Mo.
Cresol Compound-Clifton, Clifton Chemical Co., New York, N. Y.
Cresolave, The Chemical Supply Co., Cleveland, Ohio.
Cresolutol, Michel & Pelton Co., (Emeryville) Oakland, Calif.
Creso-Penn, Rockland Chemical Co., Inc., Newark 7, N. J.
Crestall Fluid, Baird & McGuire, Inc., St. Louis 15, Mo.
Cres-Tone, W. D. Carpenter Co., Inc., Syracuse, N. Y.
Cresyline Cresylic Compound, Hunt Manufacturing Co., Cleveland 4, Ohio.
Cresylool, Norden Laboratories, Lincoln 1, Nebr.

Cresynol, Wollen Chemical & Supply Co., Paterson, N. J.
Creusan Saponified Cresylic Disinfectant, U. S. Sanitary Specialties Corporation, Chicago 12, Ill.
Crysil-O-Lite—50% Cresylic Disinfectant, Green Mask Laboratories, Sioux City 14, Iowa.
Crystal Cresylic Disinfectant, Crystal Soap & Chemical Co., Inc., Philadelphia 35, Pa.
Curts-Folse Cresylic Compound Solution, Curts-Folse Laboratories, Kansas City, Kans.
Diamond H Cresyl Fluid, James Huggins & Son, Malden 48, Mass.
Disinfecto, General Poultry Laboratories, Sioux Falls, S. Dak.
Dixsoline, Dixie Chemical Co., Inc., New Orleans 16, La.
Dolge Cresylic Disinfectant, The C. B. Dolge Co., Westport, Conn.
Dr. Hess Saponified Cresol Solution, Dr. Hess & Clark, Inc., Ashland, Ohio.
Dr. LeGear's Cresylic Disinfectant, Dr. L. D. LeGear Medicine Co., St. Louis 16, Mo.
Dr. Saunders' 50% Cresol Solution, Stockton Veterinary Supply Co., Stockton 34, Calif.
Dr. Sylvester's Cresylic Compound, A. Aarons Co., Inc., New Orleans 2, La.
Eastern States Cresylic Disinfectant, Eastern States Farmers' Exchange, West Springfield, Mass.
Economy Disinfectant, James J. Doty Co., Ltd., Shenandoah, Iowa.
Elkay's Cresylic Agricultural Disinfectant, United Drug Co., Boston, Mass.
Farmasol, Lehn & Fink Products Corporation, Bloomfield, N. J.
Fidelity Stock Disinfectant, Fidelity Laboratories, Inc., Chicago 9, Ill.
Fort Dodge Saponified Cresylic Solution, Fort Dodge Laboratories, Inc., Fort Dodge, Iowa.
Franklin Crestall Fluid, O. M. Franklin Serum Co., Denver, Colo.
Fuleres Compound, Fulds Bros., Baltimore, Md.
Germalene Cresol Compound, Germalene Chemical Co., Houston 2, Tex.
Germ-I-Sol, Dr. David Roberts Veterinary Co., Inc., Waukesha, Wis.
Germo-Cresolis, Germo Manufacturing Co., St. Louis 10, Mo.
Gland-O-Lac Special Disinfectant, The Gland-O-Lac Co., Omaha 2, Nebr.
Globe 50% Cresylic Disinfectant, Globe Laboratories, Fort Worth, Tex.
Hareco Saponated Cresylic Disinfectant, Harley Soap Co., Philadelphia, Pa.
Hexsolis, Koppers Co., White Tar Division, Kearny, N. J.
Hy-Kresol, H. V. Smith Co., St. Paul 4, Minn.
Incerisilite, Industrial Chemical Laboratories, Ltd., Omaha, Nebr.
Jen-Sal Cresylic Disinfectant, Jensen-Salsbury Laboratories, Inc., Kansas City 8, Mo.
Jordan's Saponified Cresylic Solution, W. H. & F. Jordan, Jr., Manufacturing Co., Philadelphia, Pa.
KaDeCo Cresylic Acid Solution 50%, Kiefer-Stewart Co., Indianapolis 9, Ind.
KaDeCo Cresylic Acid Solution 50% HMC, Kiefer-Stewart Co., Indianapolis 9, Ind.
Karspray, West Disinfecting Co., Long Island City, N. Y.
Kem-Pro Cresol Fluid, Chemical Products Incorporated, Shelton, Conn.
Keystone Brand Cresylic Disinfectant, James Good Co., Philadelphia 25, Pa.
Keystone Brand Saponated Solution of Cresol, U. S. P. XII, James Good Co., Philadelphia 25, Pa.
Keystone Brand Soluble Phenolic Disinfectant, Coef. 2, James Good Co., Philadelphia 25, Pa.
Keystone Brand Soluble Phenolic Disinfectant, Coef. 5, James Good Co., Philadelphia 25, Pa.
Kingol Spray, Standard Chemical Co., Philadelphia, Pa.
Kleenwell Saponified Cresylic Acid Solution, Chicago Sanitary Products Co., Chicago, Ill.
Klix Disinfectant, H. J. Kline Co., San Francisco 7, Calif.
Koppers Disinfectant No. 5 Water-Soluble, Koppers Co., White Tar Division, Kearny, N. J.
Kre-Lik, J. F. DeVine Laboratories, Inc., Goshen, N. Y.
Kremlusol, Technical Cresylic Acid Disinfectant, Thompson-Hayward Chemical Co., Kansas City 8, Mo.
Kre-Sol, Connecticut Chemical & Disinfectant Co., Inc., New Haven, Conn.
Kresolig, Z. D. Gilman, Inc., Washington 4, D. C.
Kresylinol, The Shores Co., Inc., Cedar Rapids, Iowa.
Kritter Pen Disinfectant, W. H. Barber Co., Chicago, Ill.
Laeco Cresol Compound, Los Angeles Chemical Co., Los Angeles, Calif.

Lilly's Cresol Compound (Saponated Solution of Cresol, U. S. P.), Eli Lilly & Co., Indianapolis 6, Ind.

Liquor Cresolis Saponatus, U. S. P., Norden Laboratories, Lincoln 1, Nebr.

Marcreso, Marrinan Supply Co., Inc., St. Paul, Minn.

Massachusetts Farm Bureau Stable Disinfectant, Middlesex County Farm Bureau Association, Waltham 54, Mass.

McClellan's R-X-Sol, C. U. McClellan Laboratories Corporation, Los Angeles 1, Calif.

Midland Cresylic Disinfectant, Midland Laboratories, Dubuque, Iowa.

Midland Cresylic Disinfectant No. 2, Midland Laboratories, Dubuque, Iowa.

Miller's 50% Cresylic Disinfectant, Miller Chemical Co., Inc., Omaha 2, Nebr.

Myco Disinfecto, Masury-Young Co., Boston 29, Mass.

Northern Drug Company Sanisol, Northern Drug Co., Duluth 1, Minn.

NSCO Cresol Compound, National Supply Co., Birmingham, Ala.

Oronite Soluble Germicide, Oronite Chemical Co., San Francisco, Calif.

Pennsylvania Railroad Saponified Cresol Solution, Pennsylvania Railroad Co., Philadelphia 4, Pa.

Pratt's Cresylic Disinfectant, Pratt Food Co., Philadelphia 6, Pa.

Purina Cre-So-Fec, Ralston Purina Co., St. Louis 2, Mo.

Purisol, The Puritan Manufacturing Co., Waterbury, Conn.

Puritan Cresylic Disinfectant, Puritan Chemical Co., Atlanta 3, Ga.

Rawleigh's Kreo, The W. T. Rawleigh Co., Freeport, Ill.

Reilly Cresolis Compound, Republic Creosoting Co., Indianapolis 4, Ind.

Rogers 50% Cresylic Disinfectant, Detroit White Lead Works, Detroit, Mich.

Sanieres Cresylic Compound, Burkart-Schier Chemical Co., Chattanooga 2, Tenn.

Sanisol, McLaughlin Gormley King Co., Minneapolis 14, Minn.

San-I-Sol, E. M. Peet Manufacturing Co., Council Bluffs, Iowa.

Sherwin-Williams 50% Cresylic Disinfectant, The Sherwin-Williams Co., Chicago, Ill.

Sherwin-Williams Liquor Cresolis Saponatus, U. S. P., The Sherwin-Williams Co., Chicago, Ill.

Socony So-Cre-Sil Disinfectant, Socony-Vacuum Oil Co., Inc., New York, N. Y.

Solukress, Kremers-Urban Co., Milwaukee 12, Wis.

Solution Cresol Compound Merck U. S. P., Merck & Co., Inc., Rahway, N. J.

Stanco Solution of Cresol Compound, Standard Drug Co., Meridian, Miss.

Standard Super-Germite, Standard Oil Co. of California, San Francisco 20, Calif.

Supersan Cresylic Compound, Chemical Compounding Corporation, Brooklyn 22, N. Y.

Tekresol, Whitmoyer Laboratories, Inc., Myerstown, Pa.

The California Company Super-Germite, The California Co., San Francisco 20, Calif.

Tri-Kreicide, Pitman-Moore Co., Indianapolis 6, Ind.

U-C Cresolis, United Chemical Co., Inc., Kansas City 6, Mo.

UD Solution Cresol Compound (Liquor Cresolis Saponatus U. S. P. XII), United Drug Co., Boston, Mass.

Universal Cresolum, Universal Laboratories, St. Louis 10, Mo.

Val-A Saponified Cresylic Solution, Val-A Co., Chicago 9, Ill.

Vestal Disinfecting Fluid, Vestal Chemical Laboratories, Inc., St. Louis 10, Mo.

Ward's Sa-Po-Crex, Dr. Ward's Medical Co., Winona, Minn.

Wasco Germicide, Wasatch Chemical Co., Salt Lake City 5, Utah.

Whitmer's 50% Cresol Solution, The H. C. Whitmer Co., Inc., Columbus, Ind.

Worrell's Crespolin, The Worrell Manufacturing Co., St. Louis 10, Mo.

York's 50% Cresylic Acid Solution, The G. W. York Co., Madrid, Iowa.

ESPECIALLY MERITORIOUS PROMOTION

Dr. Robert E. Dunn, a junior veterinarian at the Helena, Mont., field station, whose principal work is in connection with the testing of cattle for Brucellosis and tuberculosis, has been granted a within-grade promotion for especially meritorious service effective March 1, 1944. He was granted this promotion because of his ingenuity and initiative in designing and constructing for use in connection with his official work a practical portable holding chute and squeeze gate transportable on a two-wheel trailer.

SANITARY MEASURES URGED TO PREVENT SPREAD OF ANAPLASMOSIS

Numerous cases have been brought to the attention of the Bureau in which anaplasmosis has been spread by the use of unclean instruments in performing operations on cattle. Recently it was reported that a lot of cattle passing through

a public stockyards apparently contracted this disease by having their horns tipped in which operation the horns in some cases were cut back so as to cause bleeding.

The Bureau feels that every effort should be made to prevent losses of this kind by advocating the application of necessary sanitary measures that will insure the cleaning and disinfection of instruments between each individual operation. It is desired, therefore, that inspectors in charge of public-stockyards inspection work bring this to the attention of the stockyards management and all others who may be interested and urge on them the importance of proper cleaning and disinfection of instruments used in dehorning, castration, marking, vaccination, drawing blood, or other surgical operations performed at the stockyards.

NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Technical Bulletin 864. Corn-Molasses Mixtures Compared with Corn for Fattening Beef Cattle in the Coastal Plain Area. By Earl W. McComas, James R. Douglas, Animal Husbandry Division, Bureau of Animal Industry, and Byron L. Southwell, Georgia Coastal Plain Experiment Station. Pp. 10, illus.

Technical Bulletin 862. Comparison of Corn and Corn-Molasses Mixture for Fattening Beef Calves Before and After Weaning. By M. W. Hazen, Animal Husbandry Division, and James E. Comfort, Animal Husbandry Department, University of Missouri. Pp. 11, illus.

Miscellaneous Publication 539. Directory of U. S. Registry of Merit Sires and Dams Qualifying Under the National Poultry Improvement Plan. (1941-42 trap-nest record year.) By A. B. Godfrey and Paul B. Zumbro, Animal Husbandry Division. Pp. 57.

A. H. D. 25. (Revised.) State Participation in the National Poultry Improvement Plan. Pages 5, mimeographed.

A. H. D. 36. (Revised.) Hatcheries and Dealers Participating in the National Poultry Improvement Plan. Pp. 63, mimeographed.

A. H. D. 59. (Revised.) National Poultry Improvement Plan Mailing Lists. Contact Representatives. Pp. 12, mimeographed.

A. H. D. 69. Data on Breed Distribution in the National Poultry Improvement Plan. Pp. 2, mimeographed.

Supplement to A. H. D. 36. Supplement to Hatcheries and Dealers Participating in the National Poultry Improvement Plan. (Changes reported to February 10, 1944.) Pp. 12, mimeographed.

A. H. D. 35. U. S. Record of Performance Breeders Participating in the National Poultry Improvement Plan. Pp. 12, mimeographed.

AMENDMENTS TO DEPARTMENT REGULATIONS

The following amendments to the regulations of the Department have been issued:

Amendment 179, covering regulations 1441 and 1547.

Amendment 180, covering regulations 3431-3433.

Amendment 181, covering regulations 1823-1824.

Amendment 182, covering regulations 1615-1616.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

Chief: A. W. MILLER.

Special Consultant to Chief: W. A. HAGAN.

Assistant Chief: HUGH C. MCPHEE.

Assistant Chief: HARRY W. SCHOENING.

Assistant Chief: PAUL E. HOWE.¹

Business Manager: J. R. COHRAN.

Assistant Business Manager: N. A. OLSTEAD.

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Animal Husbandry Division: HUGH C. MCPHEE, *Head Animal Husbandman in charge.*

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Interstate Inspection Division: W. M. MACKELLAR, *Principal Veterinarian in charge.*

Pathological Division: HARRY W. SCHOENING, *Principal Veterinarian in charge.*

Tuberculosis Eradication Division: A. E. WIGHT, *Principal Veterinarian in charge.*

Division of Virus-Serum Control: D. I. SKIDMORE, *Principal Veterinarian in charge.*

Zoological Division: BENJAMIN SCHWARTZ, *Principal Zoologist in charge.*

¹ On military furlough.

